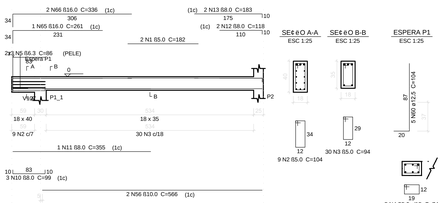
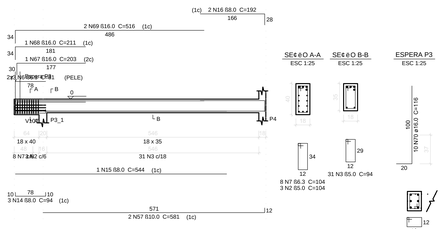
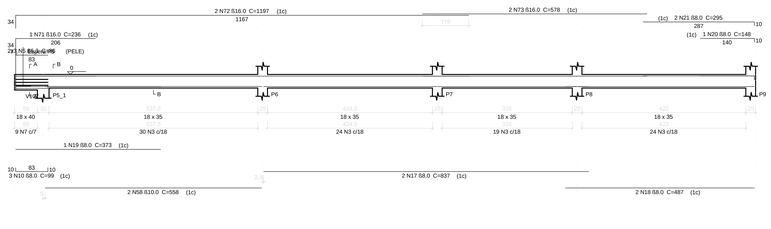
V101
ESC 1:50



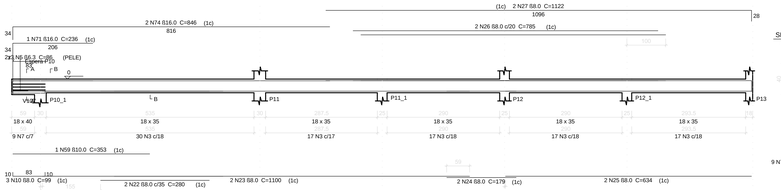
V102
ESC 1:50



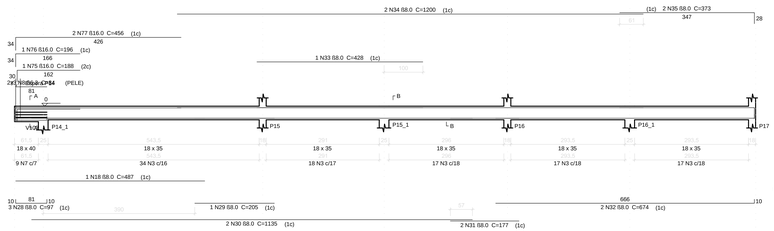
V103
ESC 1:50



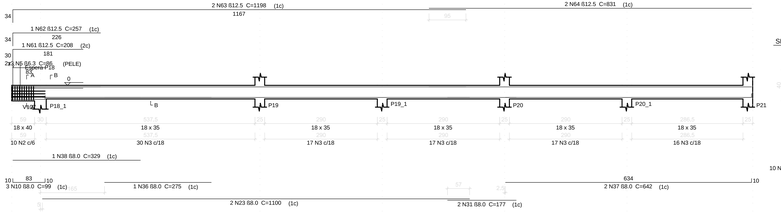
V104
ESC 1:50



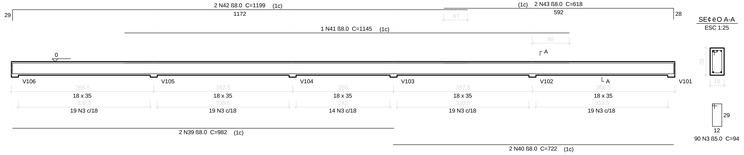
V105
ESC 1:50



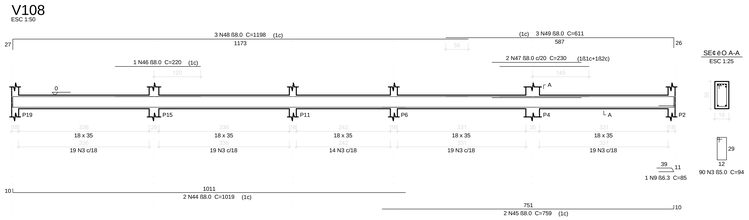
V106
ESC 1:50



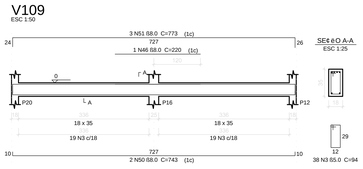
V107
ESC 1:50



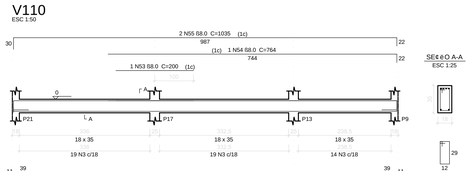
V108
ESC 1:50



V109
ESC 1:50



V110
ESC 1:50



Rela- «o do a- o

V101	V102	V103	
V104	V105	V106	
V107	V108	V109	
V110			

AE O	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	182	364
	2	5.0	22	104	2288
	3	5.0	726	94	68244
	4	5.0	18	74	1332
CA50	5	6.3	24	86	2064
	6	6.3	6	81	486
	7	6.3	35	104	3640
	8	6.3	6	84	504
	9	6.3	3	85	255
	10	8.0	12	99	1188
	11	8.0	1	355	355
	12	8.0	2	118	236
	13	8.0	2	183	366
	14	8.0	3	94	282
	15	8.0	1	544	544
	16	8.0	2	192	384
	17	8.0	2	837	1674
	18	8.0	3	487	1461
	19	8.0	1	373	373
	20	8.0	1	148	148
	21	8.0	2	295	590
	22	8.0	2	280	560
	23	8.0	4	1100	4400
	24	8.0	2	179	358
	25	8.0	2	634	1268
	26	8.0	2	785	1570
	27	8.0	2	1122	2244
	28	8.0	3	97	291
	29	8.0	1	205	205
	30	8.0	2	1135	2270
	31	8.0	4	177	708
	32	8.0	2	674	1348
	33	8.0	1	428	428
	34	8.0	2	1200	2400
	35	8.0	2	373	746
	36	8.0	1	275	275
	37	8.0	2	642	1284
	38	8.0	1	329	329
	39	8.0	2	982	1964
	40	8.0	2	722	1444
	41	8.0	1	1145	1145
	42	8.0	2	1199	2398
	43	8.0	2	618	1236
	44	8.0	2	1019	2038
	45	8.0	2	759	1518
	46	8.0	2	220	440
	47	8.0	2	230	460
	48	8.0	3	1198	3594
	49	8.0	3	611	1833
	50	8.0	2	743	1486
	51	8.0	3	773	2319
	52	8.0	2	1003	2006
	53	8.0	1	200	200
	54	8.0	1	764	764
	55	8.0	2	1035	2070
	56	10.0	2	566	1132
	57	10.0	2	581	1162
	58	10.0	2	558	1116
	59	10.0	1	353	353
	60	12.5	18	104	1872
	61	12.5	1	208	208
	62	12.5	1	257	257
	63	12.5	2	1198	2396
	64	12.5	2	831	1662
	65	16.0	1	261	261
	66	16.0	2	336	672
	67	16.0	1	203	203
	68	16.0	1	211	211
	69	16.0	2	516	1032
	70	16.0	27	116	3132
	71	16.0	2	236	472
	72	16.0	2	1197	2394
	73	16.0	2	578	1156
	74	16.0	2	846	1692
	75	16.0	1	188	188
	76	16.0	1	196	196
	77	16.0	2	456	912

Resumo do a- o

AE O	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	69.5	18.7
	8.0	552	239.6
	10.0	37.7	25.5
	12.5	64	67.8
	16.0	125.3	217.4
CA60	5.0	722.3	122.5
PESO TOTAL (kg)			
CA50	569.0		
CA60	122.5		

Volume de concreto (C-25) = 8.9 mj
Crea de forma = 124.26 mj

SECRETARIA DE PLANEJAMENTO E GESTëO DE PROJETOS

AMPLIAë èO E.M.E.F. DR. MARIO MENEGHETTI
END: AVENIDA QUATRO, 575 - BAIRRO GETDLIO VARGAS
PROJETO ARQUITETDNICO - AMPLIAë èO

Prancha 05/10

BALDRAME - VIGAS GERAL - BLOCO 2

Escala 1/50

EQUIPE TÉCNICA DA UGP
Engª. Civil Mirela Silveira de Faria - CREA RS 146401
Arq. Estela Azeredo - CAU RS A42815-9
Arq. Juliana Rotta da Cunha - CAU RS A65378-0

Data AGOSTO / 2017

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Site: www.pelotas.rs.gov.br - E-mail: seplag@pelotas.rs.gov.br